Figure 1

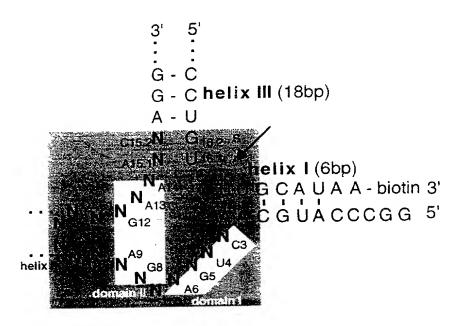
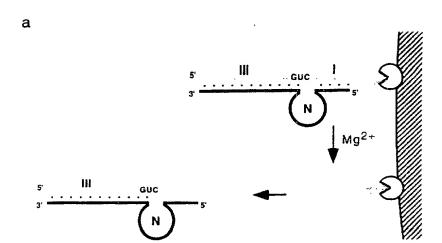


Figure 2



helix III

5' Y³²_PCUCGGUACCGUUGAUCCUGUCUUGCAUAA - biotin 3'

3' OHG AG<u>CCAUGG</u>CAACUAGGA

AACGUAACCCGG_{PPP} 5'

N18

helix III IL2 helix I :

5' Y³²_PCUCGGUACCGUUGAUCCUGUCUUGCAUAA - biotin 3'

3' OHGAGCCAUGGCAACUAGGACA AACGUAACCCGGG_{PPP} 5'

KpnI C U

A UA

A G

12G A9

11.1 C G10.1 N4g0

Figure 3

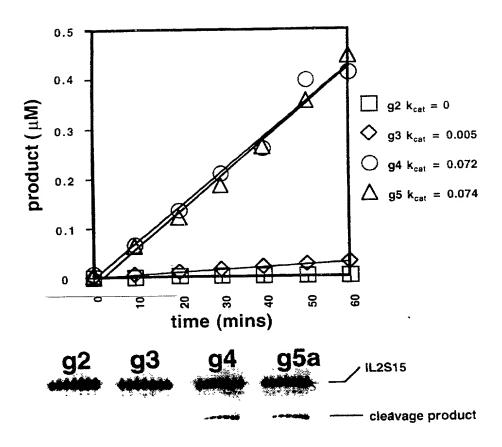


Figure 4

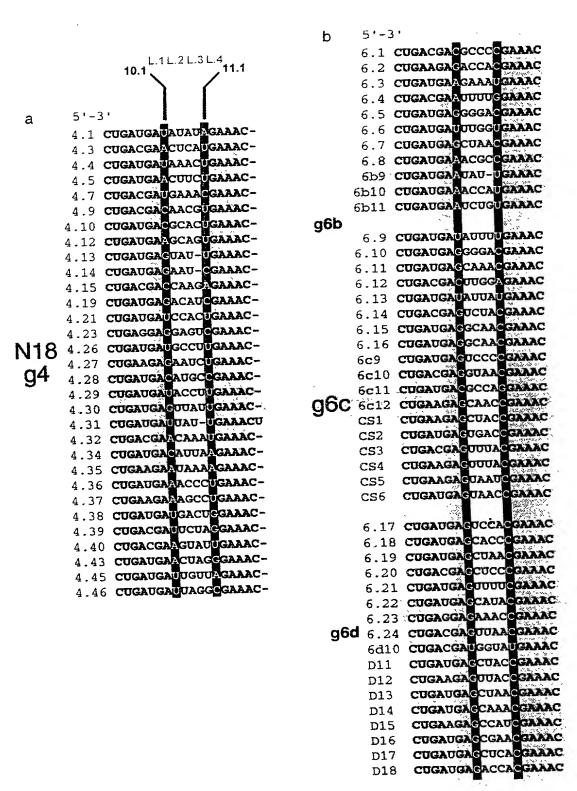
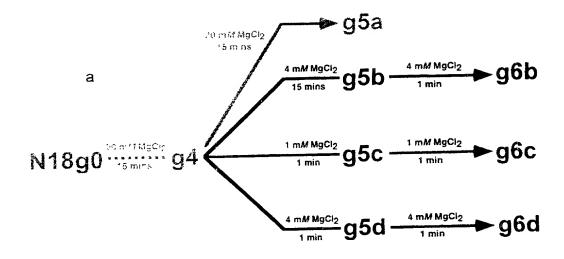


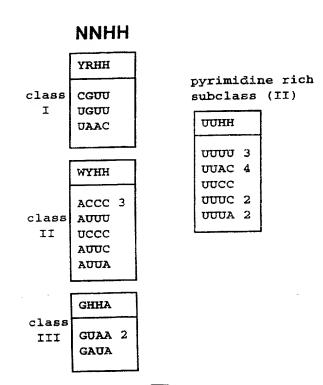
Figure 5



b

6/11

Figure 6



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Figure 7

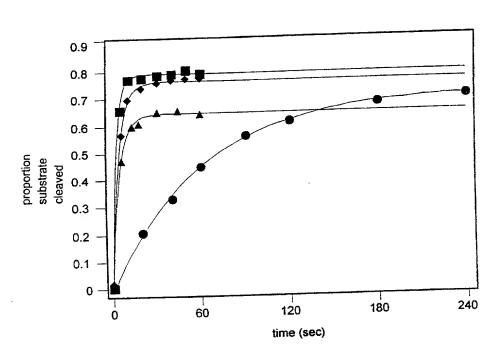


Figure 8

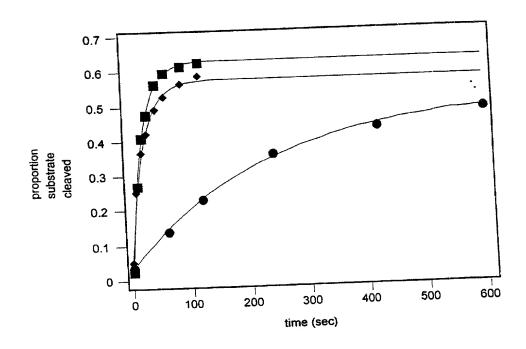


Figure 9

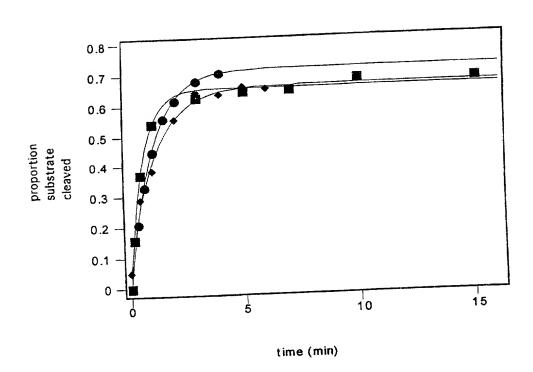


Figure 10

In-vitro cleavage of PDGF transcript (637bp) by PDGF293 MR7-11 miniribozymes

Time (min.)

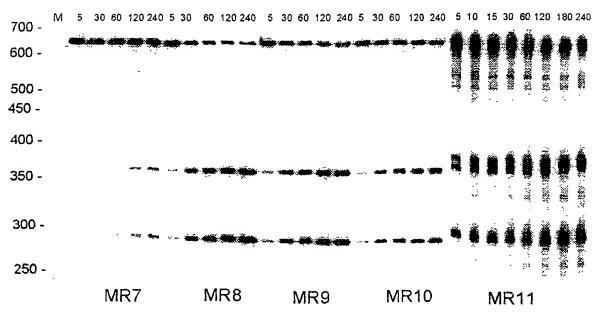


Figure 11

Ribonuclease protection assay of PDGF mRNA

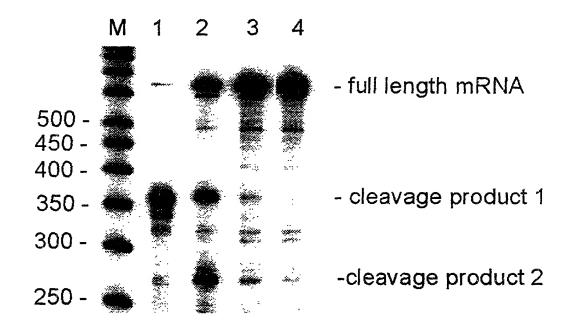


Figure 12

Optimization of PDGF293 MR9 miniribozyme activity in PDGF expressing CHO cells

